

About the Assimilation of Damaging Material
Through the Bark of Trees, by K. Garber.
GERMAN, par, Dresden. Technische Universitaet.
Wissenschaftliche Zeitschrift, Vol 11, No 8,
1962, pp 549-552.
NTC 71-14081-02F

Feb 72

Felz, E.

The individual smoke resistance of spruce.

DRESDEN, TECHNISCHE UNIVERSITÄT.

WISSENSCHAFTLICHE ZEITSCHRIFT, Vol. 11, n. 3,

1962, p.595-600

NTC 73-11425-02F

Flemming, G.

Mathematical modeling of long-term foam emissions taking wind, climate, orographic, and biological factors into consideration.

DRESDEN, TECHNISCHE UNIVERSITAET.

WISSENSCHAFTLICHE ZEITSCHRIFT, Vol. 16, n. 5,

1967, p. 1603-1610

NTC 72-11252-046

Lampadius, F.

Significance of the so₂ filtering effect of a forest as
seen from the viewpoint of forest smoke damage therapy

WISSENSCHAFTLICHE ZEITSCHRIFT DER TECHNISCHEN UNIVERSITÄT
DRESDEN, Vol 17, No 2, pp 503-511, 1968

C.E. Trans 5917

may 73

Albring, W.

Retrospect and the goals of turbulence research
DRESDEN. TECHNISCHE UNIVERSITAET. WISSENSCHAFTLICHE
ZEITSCHRIFT, 1970, v. 19, n. 4, pp. 975-979
NRC 73-12095-200
NTIS N72-17205

Klaus Gossel

A Description of the Hysteresis Losses in Iso-
tropic Shear Subject to Mechanical Stresses.
WISSENSCHAFTLICHE ZEITSCHRIFT DER TECHNISCHEN
UNIVERSITÄT, DRESDEN, 1971, Vol. 20, No. 4,
pp. 991-1008.
*BISI 11584

Bachert, H.

Experimental investigation of semiconductor
junction lasers.

LEPZIG. KARL-MARX UNIVERSITAET. WISSENSCHAFTLICHE
ZEITSCHRIFT. MATHEMATISCH-NATURWISSENSCHAFTLICHE
REIHE, Vol 20, No 2, 1971, pp 261-273.

NTC 73-11506-20E

The Flexural Rigidity of Textiles, by W. Szmelter, 78 pp.
WLOKIENNICTWO, No 20, 1969.
NTIS TT 71-54064

Apr 73

Development of 1973 Inner-German Trade Analyzed,
8 pp.
DIW WOCHENBERICHT, West Berlin, 28 Feb 74,
pp 83-86.
JPRS 61665

May 74

Report on Oil and Gas in Soviet Western Trade.
11 pp

DIW WOCHENBERICHT, Berlin, 21/1974, 22 May 74,
pp 193-197.

JPRS 62413

Status of Economy in Mid-1974 Analyzed, 10 pp.
DIW WOCHENBERICHT, West Berlin, 1 Aug 74,
pp 273-277.
JPRS 62832

Nov 74

Lodahl, Maria

Development of Private Motorization in CEMA
Countries, 10 pp.

WOCHENBERICHT, West Berlin, 19 Sep 74, pp 330-334
JPRS 63349

Dec 74

GERMAN

CSO: 8122/0630
4 October 1974

1005-63349
10/10/74
Development of Private Motorization in CEMA
Countries, by Deutsches Institut for Wirt-
schaftsforschung.

W. Berlin, Wochenbericht, 19 Sept 1974, pp.
330-334

Please publish in EE Eco series

Please forward advance copy.

Problems in Energy Supply Discussed, 12 pp.
DIN WOCHENBERICHT, West Berlin, 3 Oct 74,
pp 349-354.
JPRS 63399

Dec 74.

SECRET
//DIPLOMACY//
07/11/1977, 1-----, pp 0395-0398
Private Consumption of Goods in GDR Examined
7 pp
SRS 63702
"

Schwizer, G.

*Research on the production and cleaning of groundwood
from underbarked trimmings*

WOCHENBLATT FÜR PAPIERFABRIKATION, v. 94, n. 8, 1966,
pp. 255-267

NTC 72-12933-111

Iglic, B.

Wet-On-Wet Coating with the Blade-Air Brush System

WOCHENBLATT FÜR PAPIERFABRIKATION, v. 98, 1970,

p. 315-320

IPC IPC-25

Langger.

Viscosity and viscosimetry.

RECHENBLATT FÜR PAPIERFABRIKATION, Vol. 98,

1972, p. 792-795

TC TC-11709

Senger,

The chemistry of wood digestion
WOCHENBLATT FÜR PAPIERFABRIKATION, v. 98, 1970, pp.
1057-1061
NTC 72-12932-11L

Kufferath, W.

Practical Experience with Plastic Fabrics

HOCHENBLATT FÜR PAPIERFABRIKATION, v. 99, 1971,

p. 833-850

IPC IPC-01

Toepesch, H.

Silicones in the Paper Industry

WOCHEBLATT FÜR PAPIERFABRIKATION, v. 89, 1971,

p. 135-137

IPC IPC-16

Danninger, H.

Possibilities for further Improving spent liquor
recovery at Lenzing (ex Zellulose- & Papierfabrik AG.)
WOCHENSCHLATT FÜR PAPIER-FABRIKATION, v. 99, 1971, p. 725-

727

IPC IPC-23

Czerwinka, Jozef

Military Institute of Chemistry and Radiometry.

7 pp

WOJSKO LUDOWE, Warsaw, Sept 1973, pp 92-96.

JPRS 60604

Ignacy Krasicki Series on Catholic Church and
Modern World Noted, 40 pp.

WOJSKO LUDOWE, Warsaw, No 3, Mar 74, pp 22-30.

JPRS 62831

Nov 74

Bejgier, Eugeniusz

Air Force's Role in Coastal Defense Outlined,
5 pp.
WOJSKOWY PRZEGLAD LOTNICZY, Warsaw, Jun 73,
pp 3-7.
JPRS 59844

Sep 73

NEW GENERATION OF DIESEL-ELECTRIC GENERATOR U
NITS

SOTKIEWICZ W LANGUAGE-PO COUNTRY-PO

WOJSKOWY PRZEGLAD TECHNICZNY NO 3 1974 PP
21-24

STC-HT-23-0098-75

Gaśel, I.

*Susceptibility of resins and asphaltenes contained in
crude oil to cooking in the process of catalytic
hydrocracking.*

WROCLAW, POLITECHNIKA. INSTYTUT CHEMII I TECHNOLOGII
NAFTY I WĘGLA, PRACE NAUKOWE, No 10, 1972, pp 146-156
NTC 73-14292-21D

M. Dylewska

The Role of Bee-like Insects on Alfalfa seed
Plantations.
Wszechswiat 10. Vol. 52, no. 3, pp. 264-266,
1970.
*NTIS-TT-73-54082

may 73

DYLEWSKA, MIROSTAWA
//WSZECHSWIAT//
--/--/1970,V0052,N0010,
The Role of Insects of the Apoidea Family on
Alfalfa Seed Plantations, 7 pp
pp 264-266, NTIS-TT-73-54082@@

SZYMURA, J. M.

//WSZECHSWIAT//

--/--/1972, V----, NO011, pp 0299-0300

Competition in larvae of caudate amphibians

NTC 74-13991-06C

#

CHINESE

CSO: 8311/2306
18 June 1974

DJS-11 Integrated Circuit Electronic
Computer

Peking, ^{WU}~~W~~-hsien-tien, No 1, 25 Jan 74,
pp 2-4

Please publish in Translations on PRC under
S&T subheading and include repros.

CHINESE

JPRS
04495CSO: 8311/0550
24 Sep 74

1. Advance on the Red and expert path.
2. Model MDJ-16 II electronic computer.
3. The laser cloud height measuring instrument.

Peking, Wu-Hsien-Tien, No 6, 1974, pp 1-2, 3-4, &
4-6.

Please publish in the Translations on PRC (S&T section)
and include diagrams. Xerox may be clipped.

GOVERNMENT USE ONLY

Synthetic Diamond Manufacture Using the Explosion
Method.

11 pp

WU-LI, Peking, Vol 1, No 1, June 1972, pp 38-44.

JPRS/L 4752

Evidence for the Possible Existence of a Charged
Particle with large Mass.

WU-LI (PHYSICS), Vol 1, No 2, 1972, pp 57-62.
X-7746

April 73

Uncl (USCL-Trans--1496) 19-Sep-78
existence of a charged particle with large mass.
Translated from Wu-11; 1: No. 2, 07-62(1972). 2p.
Rep. NTIS \$3.00.

204 physics (particle); translations
MN-34 P NSA

13-Sep-73
Uncl (JPRS--59478, pp 17-43) Flux measurement of 0.01
to 18-MeV monoenergetic fast neutrons. KUNG, L.H.; LIU,
C. 10 Jul 1973. Translated from Wu-li; 1: No. 2, 62
78(Oct 1972).

NSA

Microwave Screening Material and Its
Characteristics, 5 pp.

WU-LI, Peking, Vol 1, No 2, Oct 72, pp 113-116.

JPRS 59478

Jul 73

Spike-Shaped Microwave Absorbent Material
and the Testing of Its Characteristics, 6 pp.
WU-LI, Peking, Vol 1, No 2, Oct 72, pp 117-120.
JPRS 59478

Jul 73

WU LI HSUEH PAO

SEE

ACTA PHYSICA SINICA

Kostler, J.N.

Roots of Forest Trees

DIE WURZELN DER WALDBAUME, 1972, 286 pp

*NTIS-TT-74-53158

MIECZKOWSKI, K. T.
//WYCHOWANIE FIZYCZNE I SPORT, //
--/--/1965, V0009, N0004,
Field of Vision and Simple Reaction Time during
recreative exercises at work,
pp 413-418, NASA-TT-F-15828@@

Bula B.

Myogenic cause of hemolysis. 10 pp.
WYCHOWANIE FIZYCZNE I SPORT, Vol 10, No 2, 1966,
pp 33-38
NASA TT F 15,649

~~Preiser, E.~~

Preiser, E.

Changes in the concentration of potassium, sodium and
calcium as the result of endurance efforts *16 pp.*

WYCHOWANIE FIZYCZNE I SPORT, vol. 11, no. 4, 1967,

pp. 53-61

NASA TT F 15654

Cybulski, W. B.

Coal dust explosions and the methods of fighting this danger.

Wydawnictwo Slask, Katowice, 1972, 520 pp.

*NTIS-TT-73-54001

Apr 73

Guidelines for the Safe Mining of
Deposits

WYTYCZNE BEZPIECZNEGO PROWADZENIA
EKSPLOATACJI W POKŁADACH TAPTACYCH, 1962, 24 pp

*NTIS-TT-74-54007

Directive Urges Faster Construction Production of
Materials.

7 PP

XAY DUNG, Hanoi, No 1, Jan-Feb 1974, pp 3-6.

JPRS 62213

Construction Journal Calls for Sector to
Fulfill Plans Despite Rainy Season, 7 pp.
YAY DUNG, Hanoi, No 7, Jul 74, pp 1-4.
JPRS 63370

Dec 74

GOVERNMENT USE ONLY

Program of the 20th Ukrainian Republic Scientific
and Technical Conference in Honor of the 75th
Anniversary of the Invention of the Radio.

51 pp

XX UKRAINSKAYA RESPUBLIKANSKAYA NAUCHNO-
TEKHNICHESKAYA KONFERENTSIYA, POSVYASHCHENNAYA
75-LETIYU SO DNYA IZOBRETENIYA RADIO 6-8 JULY

1970, Kiev, 1970, 61 pp.

JPRS/L 5113

Practical Medicine, 46 pp.
Y HOC THUC HANH, No 169, Jan-Feb 1971.
ACSI K-0414

Feb 73

Thai, Do Duong

Amoebic Dysentery Epidemiology, 6 pp.
Y HOC THUC HANH, Hanoi, No 181, Jan-Feb 73,
pp 21-24.
JPRS 59707

Sep 73

Hoa, Duy

Some Experience Drawn From the 1971
Adenopharyngoconjunctivitis Epidemic, 5 pp.
Y HOC THUC HANH, Hanoi, No 181, Jan-Feb 73,
pp 46-47.
JPRS 59707

Sep 73

Conference on Child Physiology and Psychology,
9 pp.
Y HOC THUC HANH, Hanoi, No 183, May-Jun 73,
pp 15-19.
JPRS 60842

Jan 74

Khai, Vu

Malaria Epidemic in Area of Recently Settled Dao
Ethnic Minority Compatriots.

6 pp

Y HOC THUC HANH, Hanoi, No 186, Nov-Dec 1973,
pp 36-39.

JPRS 62229

Thang, Phung Nhat

Situation of Intestinal Parasites in Hoa Binh
Province Ethnic Minorities.

7 pp

Y HOC THUC HANH, Hanoi, No 186, Nov-Dec 1973,

pp 39-42.

JPRS 62229

Application of Radioisotopes to Ecological
Research on Mosquitoes in Vietnam, by Do
Duong Thai, 7 pp.
VIETNAMESE, per, Y Hoc Viet Nam, Hanoi, No 3,
Jul-Sep 72, pp 15-20.
JPRS 59179

Jun 73

Application of the Sampling Method in
Epidemiological Investigation, by Nguyen Dinh
Huong, 6 pp.

VIETNAMESE, per, Y Hoc Viet Nam, Hanoi, No 3,
Jul-Sep 72, pp 20-24.

JPRS 59179

Jun 73

Isolation of Japanese B Encephalitis Virus
From Mosquitoes in North Vietnam, by Do Quang
Ha, 12 pp.
VIETNAMESE, per, Y Hoc Viet Nam, Hanoi, No 3,
Jul-Sep 72, pp 27-35.
JPRS 59179

Jun 73

de Diego, Millan Clemente

Undersecretary of Interior Comments on Spanish
Political Situation, 5 pp.

YA, Madrid, 3 Sep 74, p 11.

JPRS 63169

Nov 74

DE IRIMO, ANTONIO BARRERA

//YA//

26/10/1974,V----,N----, pp 0012

Government Economic Program Outlined by
Finance Minister 5 pp

JPRS 63497

#

HEBREW

*complete
3/11*
CSO: 8123/0110
19 July 1974

Afforestation Plans for Golan, by T. Ashbel

La-Yaaran, Vol 22, No 1-2, June 1972, pp 23-24

Special type B

Do not publish

Single spaced draft plus one

Folomeshkin, V. N.

Empirical formula for pion and kaon spectra in P-P collisions.

YADERNAYA FIZIKA, Vol 15, No 2, 1972, pp 383-391.

NTC 73-11342-20H

Groshev, L. V.

De-excitation of Sr^{87} and Zr^{93} following the capture
of thermal neutrons.

YADERNAYA FIZIKS, v. 15, p. 625-628, 1972 BNL-TR-506.

NTC 73-11174-20H

COVER TO COVER

YADERNAYA FIZIKA, Vol 16, No 2, Aug 1972, pp 225-440

English pages pp 123-244

American Institute of Physics

avail Ly Info

may 73

HEC 11-May-73
Uncl (BNL-tr--532) Description of a direct (n,2n)
reaction of some nuclei. EZHOV, S.N.; OL'KHOVSKII, V.S.
Translated by S.J. Amoretty from Yadern. Fiz.; 16: No.
2, 332-334(1972). 6p. Dep. NTIS \$3.00.

20H physics (nuclear); translations
MN-34 P NSA

YADERNAYA FIZIKA, Vol 16, No 3, Sept 1972, pp 441-632

English version Vol 16, No 3, March 1973, pp 245-354

Full Translation AMERICAN INSTITUTE OF PHYSICS

available by Serials

YADERNAYA FIZIKA, Vol. 16, No. 4, pp.355-485.

C/C American Institute Of Physics

Available at Ly Serials

YADERNAYA FIZIKA, Vol. 16, No. 5, May 1973.
ENGLISH PAGES: 487-622
RUSSIAN PAGES: 881-1135

American Institute Physics

Avail Ly Ser

YADERNAYA FIZIKA, Vol. 16, No. 6, June 1973
ENGLISH PAGES: 623-733
RUSSIAN PAGES: 1137-1329

C/C American Institute of Physics

Avail Ly Ser

YADERNAYA FIZIKA, Vol. 17, No.1, January, 1973
ENGLISH PAGES: 1-107
RUSSIAN PAGES: 3-224

C/C American Institute Physics
Avail Ly Ser

UNKNOWN

//YADERNAYA FIZIKA//

--/08/1973,V0017,N0002,

Soviet Journal of Nuclear Physics, February 1973,

English pages 115-230

Russian pages 225-446

Full translation AMERICAN INSTITUTE OF PHYSICS

Available Library Serials@@

27-Feb-74

Uncl (BNL-tr--549) Angular and energy distributions
of neutrons inelastically scattered by Fe and Ni nuclei.
TERTYCHNYI, G.YA.; SHUBIN, YU.N. Translated by S. J.
Amoretty from Yadern. Fiz.: 17: No. 2, 287-292(1973).
14p. Dep. NTIS \$3.00.

20H physics (nuclear); translations
MN-34c P NSA

BOGDANOV, D. D.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Measuremant of coincidences between positrons
and delayed protons for TE109,
pp 457-462, AIP@@

BORYACHEV, A. M.

//YADERNAY: FIZIKA, //

-/03/1973, V0017, N0003.

Giant dipole resonance in Nuclei of the transi-

tional region around A-190,

pp 463-469, AIP@@

Dubrovina, M.

Variation of the Mass Distribution of Th^{232}
Fission Fragments with Neutron Energy

YADERNAYA FIZIKA, V.17 (3), 1973 pp 470-474

*AEC/LB/G/308/54

DUBROVINA, S. M.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003
Variation of mass distribution of Th22 fission
fragments with neutrons energy,
pp 470-474 AIP@@

~~MMK~~ Maksyutenko, B.P.

Mass and Charge Balance in Fission,
and Delayed Neutrons

YADERNAYA FIZIKA, V.17 (3), 1973 pp 481-488

*AEC/LB/G/308/55

MAKSYUTENKO, B. P.
//yadernaya fizika, //
--/03/1973, V0017, N0003,
Mass and charge balance in fission and delayed
neutrons,
pp 481-488, AIP@@

HIEN PHAM ZUI
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003
Angular distribution of fragments of spontaneous
fissioning isomers,
pp 489-496 AIP @@

MARSHALKIN, V. E.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Adiabatic excitation of fissioning nucleus,
pp 497-501, AIP@@

IGNATYUK, A. V.

//YADERNAYA FIZIKA, //

--/03/1973, V0017, N0003

Spin dependence of the density of excited states
in the superfluid nucleus model,

pp 502-518 AIP@@

PETRAUSKAS, A. K.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003
Calculation of the properties of low-lying
levels taking multiquantum excitation into
account,
PP 519-524, AIF@@

BELYAEV, S. T.
//YADERNAYA FIZIKA,/
--/03/1973, V0017, N0003,
Rotational excitation of nuclei in the method
of the generalized density matrix,
pp 525-539 AIP@@

GORBATOV, A. M.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Introduction of proton, neutron, and hyperon
collection degrees freedom into the computation
scheme of the K-harmonics method,
pp 540-546 AIP@@

VOROB'EV I. I.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Investigation of the coherent process $\pi\pi\pi$
at 3.3 GeV/c momentum on the xenon nucleus,
pp 547-550 AIF@@

VOROB'E'V. I. I.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Determination of the number of effective
nucleons in carbon and xenon nuclei in the
study of TT_0 interactions,
pp 551-554 AIP@@

KLIGER, G. K.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003
f⁰-meson production in the reaction $\pi^-\pi^+ p \rightarrow \pi^-\pi^+ f^0$
 $\pi^-\pi^+$ at momentum 4.5 GeV/c,
pp 555-560 AIP @@

GULIEV, N. A.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
One-particle exchange models for weak leptonic
interactions leptonic processes,
pp 567-575, AIP@@

KHRIPLOVICH, I. B.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Charge asymmetry of the angular distribution
of muons in the process $E^+E^- \rightarrow u^+u^-$
pp 576-581, AIP00

ZUPNIK, B. M.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Electromagnetic interaction in $Su(3) \times SU(3)$
symmetry and pseudoscalar meson decays,
pp 582-591 AIP@@

LAPIDUS, L. I.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Baryon polarization in small-angle scattering
by nuclei,
pp 592-600. AIP@@

GRIBOV, V. N.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, n0003,
Properties of the pomeranchuk pole, diffraction
scattering and the asymptotic equality of the
total cross sections,
pp 603-613 AIP@@

BUGRII, A. I.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Large-angle scattering in the "DAMA" model
pp 614-620 AIP@@

POPOV, V. S.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Critical charge for colliding nuclei,
pp 621-633 AIP@@

DYUGAEV, A. M.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
States of low energy in a two particle system
in a field,
pp 634-642 AIP@@

VERDIEV, I. A.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Separation of variables in the Bethe-Salpeter
equation in Minkowski space,
pp 643-659 AIP@@

LEKA, G. S.
//YADERNAYA FIZIKA, //
--/03/1973, V0017, N0003,
Certain characteristics of decays produced in
emulsion nuclei by 70 GeV/c protons
pp 660-661 AIP@@